

DERWENT- 1989-120449

ACC-NO:

DERWENT- 198916

WEEK:

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TITLE: Corrosion resistant aluminium alloy contains magnesium, manganese, silicon, aluminium and small amts. of iron, copper, nickel and zinc

INVENTOR: JIN S; NISHI N

PATENT-ASSIGNEE: RYOBI KK[RYOB]

PRIORITY-DATA: 1987JP-225077 (September 7, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
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<u>JP 01068440</u>	A March 14, 1989	JA
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
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JP 01068440A N/A		1987JP-225077	September 7, 1987
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INT-CL-

CURRENT:

TYPE

IPC DATE

CIPP

C22 C 21/08 20060101

ABSTRACTED-PUB-NO: **JP 01068440** A

BASIC-ABSTRACT:

Alloy comprises (by wt.) 4.0-6.5% Mg, 1.0-2.5% Mn, 0.3-1.5% Si, and balance Al and respectively less than 0.5% Fe, 0.1% Cu, 0.1% Ni, and 0.3% Zn.

The Al alloy, pref., contains one or more of 0.01-0.3% Ti, 0.001-0.1% B, and 0.01-0.3% Zr.

USE - For corrosion resistant die-castings, e.g., shipboard components and exterior products for architecture which are subjected to harsh environment.

TITLE- CORROSION RESISTANCE ALUMINIUM ALLOY CONTAIN MAGNESIUM
TERMS: MANGANESE SILICON AMOUNT IRON COPPER NICKEL ZINC

DERWENT-CLASS: M26

CPI-CODES: M26-B09; M26-B09M; M26-B09S;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: 1989-053662